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Product Datasheet

Cyclooxygenase-2 (COX-2)(COX2/3232R), 0.2mg/mL, Clone: [COX2/3232R], Rabbit, Monoclonal BOT-BNUB3232-500

Article Name	Cyclooxygenase-2 (COX-2)(COX2/3232R), 0.2mg/mL, Clone: [COX2/3232R], Rabbit, Monoclonal
Biozol Catalog Number	BOT-BNUB3232-500
Supplier Catalog Number	BNUB3232-500
Alternative Catalog Number	BOT-BNUB3232-500-500UL
Manufacturer	Biotium
Host	Rabbit
Category	Antikörper
Application	IHC
Species Reactivity	Human
Immunogen	Recombinant human COX2 protein fragment (around aa 442-572) (exact sequence is proprietary)
Product Description	Prostaglandins are a diverse group of autocrine and paracrine hormones that mediate many cellular and physiologic processes. Prostaglandin H2 (PGH2) is an intermediate molecule in formation of the prostaglandins. Cyclooxygenase-1 (Cox-1) and cyclooxygenase-2 (Cox-2) are two enzymes that catalyze the conversion of arachidonic acid to prostaglandins. Cox-1 is constitutively expressed and involved in the maintenance of normal physiological processes. Cox-2 is induced by various stimuli and is involved in the pathophysiology of many diseases, including cancer, inflammation, and pain. This antibody is specific for the COX-2 protein and can be used for immunohistochemical staining of tissue sections and Western blot analysis.
Clonality	Monoclonal
Concentration	0.2 mg/mL
Clone Designation	[COX2/3232R]
Molecular Weight	70-72 kDa

UniProt	P35354
Buffer	PBS, 0.05% BSA, 0.05% azide
Source	Animal